



PATENT
Attorney Docket No.: 16869P-094500US
Client Reference No.: 349801305US4

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kyosuke Achiwa et al.

Application No.: 10/661,373

Filed: September 12, 2003

For: ADAPTIVE REMOTE COPY IN A
HETEROGENEOUS ENVIRONMENT

Examiner: Unassigned

Art Unit: 2155

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the foreign patent and non-patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

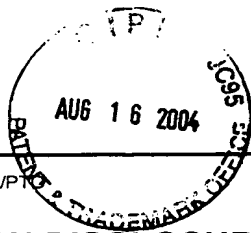
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "George B. F. Yee".

George B. F. Yee
Reg. No. 37,478

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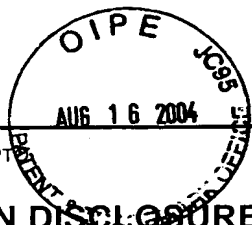
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/661,373	
			Filing Date	September 12, 2003	
			First Named Inventor	Kyosuke Achiwa	
			Art Unit	2155	
			Examiner Name	Unassigned	
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	US-6,647,474	11-11-2003	Yanai et al	
	2	US-6,625,705	09-23-2003	Yanai et al	
	3	US-2003/167419	09-04-2003	Yanai et al.	
	4	US-6,587,919	07-01-2003	Yanai et al	
	5	US-6,539,462	03-25-2003	Mikkelsen et al.	
	6	US-6,502,205	12-31-2002	Yanai et al	
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	13	US-5,996,045	11-30-1999	Lee et al.	
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FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



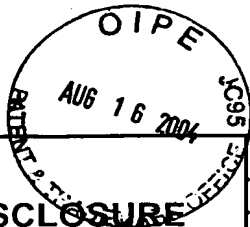
Substitute for form 1449A/PT INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/661,373		
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		First Named Inventor	Kyosuke Achiwa		
		Art Unit	2155		
		Examiner Name	Unassigned		
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
	42	JP	2000-305856		11-02-2000	Hitachi Ltd.	<input checked="" type="checkbox"/>
	43	JP	11-338647		12-10-1999	Hitachi Ltd.	<input checked="" type="checkbox"/>
	44	JP	09-325863		12-16-1997	Hitachi Ltd.	<input checked="" type="checkbox"/>
	45	JP	07-201132		08-04-1995	Mitsubishi Electric Corp	<input checked="" type="checkbox"/>
	46	JP	07-191811		07-28-1995	Hitachi Ltd	<input checked="" type="checkbox"/>
	47	JP	06-250795		09-09-1994	Hitachi Ltd	<input checked="" type="checkbox"/>
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	51	JP	64-033770		02-03-1989	NEC Corp	abstract only
	52	JP	58-219656		12-12-1983	Hitachi Ltd.	abstract only
	53	JP	58-151660		09-08-1983	Hitachi Ltd.	abstract only

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STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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Complete if Known

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First Named Inventor	Kyosuke Achiwa
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Attorney Docket Number	16869P-094500US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	54	ROSENBLUM "The Design and Implementation of a Log-Structured File System," ACM Transactions on Computer Systems 10:26-52 (1992).	
	55	"Symmetrix Data Migration Services (SDMS)" EMC ² Symmetrix ICDA Family Product Information (2000).	

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